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PSI Announces the Next-Generation CNG, LPG and Gasoline 8.8 Liter Big Block Engine

WOOD DALE, IL - Power Solutions International, Inc. ("PSI") (OTCBB:PSIX.OB) is pleased to announce the introduction of its newly designed and tooled 8.8-Liter engine. This state-of-the-art model, which is designed, tooled and manufactured in the U.S., offers industrial, bus and truck Original Equipment Manufacturers (OEMs) a fully-integrated drop-in solution that provides uncompromised power performance with maximum fuel efficiency, emissions certification and fuel flexibility. PSI also offers unique in-house design, prototyping, engineering and testing capabilities that enable it to customize the 8.8-Liter to the specific power, emissions or engineering needs of OEMs, in addition to the manufacturing capacity to meet large volume requirements.

PSI will unveil this new product at the RVIA National RV Trade Show in Louisville, Kentucky on November 29th, 2011 and at Power Gen International in Las Vegas on December 13th, 2011.

The new 8.8-Liter engine extends PSI's tradition of durable, high-performance turnkey solutions in the industrial and off-road markets to on-road markets. The newly-tooled engine fills a key market gap with a cost-effective product capable of fully delivering on power, efficiency, emissions and fuel-flexibility needs across a wide range of applications, including school buses, waste-hauling trucks and light-duty delivery truck uses. PSI will also be integrating the new system with existing industrial customers.

"On-road markets have been actively seeking medium-duty engine replacements as existing big block inventories have wound down," said Dan Grohoski, Director of New Business Development for PSI. "Most current offerings are compromises or partial fixes. PSI now offers them a total integrated solution-no compromises-with the new 8.8-Liter engine."

PSI's 8.8-Liter engine's fully retooled design offers several enhancements to the traditional big block that result in across-the-board improvements in power, torque, efficiency and emissions control. "Our design intent for this engine was to advance big block design in the areas of fuel efficiency and emissions reduction-without compromising power. And we have. In fact, we've increased power and torque by 20% over previous blocks across all applications," said Don Wilkins, Vice President of Advanced Product Development for PSI.

The engine's intake manifold incorporates a tuned, long-runner that specifically targets engine efficiency, providing higher torque. A special air gap design prevents the engine block from heating the intake manifold by keeping the air cooler. This moves more dense air into the engine to improve efficiency. In addition, high-flow, fast-burn cylinder heads move air through the engine more efficiently and ensure a full burn to reduce emissions.

PSI designed the 8.8-Liter engine with a significantly stronger crankcase and a forged and nitrided steel crankshaft. The resulting block is capable of over 1,000 ft-lb of torque with world-class performance. "We have advanced the big block engine into new territory by designing in the robustness of a medium-duty engine," said Wilkins. "This heavier-duty, more durable design will provide customers with a long-lasting engine that avoids catastrophic failure and will be easier to rebuild. It really is the next generation of the American Big Block."

In addition to the design improvements, the PSI 8.8-Liter offers the full range of fuel flexibility, making the customizable engine an excellent choice for industrial, bus, RV and truck OEMs. Industrial OEMs will appreciate the engine's power at low speeds and the drop-in ease of transition that it offers for replacing older engines. For on-road bus, RV and truck OEMs, the new 8.8-Liter offers reduced emissions and increased efficiency without compromising power, as well as the capacity to run on liquid propane, natural gas or gasoline.

PSI has a history of paying close attention to customer needs and then engineering and developing solutions to meet those demands. The 8.8-Liter engine is the latest evolution of PSI's ongoing commitment to providing durable, high-performance, precision power solutions and customized support to leading OEMs.

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Power Solutions International, Inc. (OTCBB:PSIX.OB) is a leader in the design, engineering and manufacture of emissions-certified alternative-fuel and conventional power systems. PSI provides integrated turnkey solutions to leading global original equipment manufacturers in the industrial, off- and on-road markets. Our unique in-house design, prototyping, engineering and testing capacities mean we can customize clean, high-performance engines that run on a wide variety of fuels including natural

gas, propane, biogas, diesel, gasoline, or hybrid systems and meet applicable environmental standards. We develop and deliver complete .97 to 22-Liter power systems to meet our customers' specific applications and power needs, as well as provide service parts and support. PSI power systems are used worldwide in power generators, forklifts, aerial lifts, and industrial sweepers, as well as in oil and gas, aircraft ground support, agricultural and construction equipment.

Power Solutions 8.8-Liter Engine Specifications

Displacement	8.8L (537 cid)
Compression Ratio	9.1 or 10:1
Bore & Stroke	4.35 in x 4.50 in (115.06 mm X 114.3 mm)
Fuel Type	CNG, LPG and Gasoline